

## PATENT ABSTRACTS OF JAPAN

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## (54) ELECTROPHOTOGRAPHIC SENSITIVE BODY

## (57)Abstract:

PURPOSE: To enhance sensitivity and to decrease the fluctuations in the bright part potential and dark part potential when repetitive electrostatic charge and exposing are executed by incorporating a specific quinoxaline compd. into a photosensitive layer. CONSTITUTION: The isopyrazole compd. expressed by the formula I is incorporated in the photosensitive layer of the electrophotographic sensitive body formed by laminating the photosensitive layer on a conductive base. In the formula I, R1 denotes a hydrogen atom, alkyl group, etc.; R2, R3 denote a hydrogen atom, alkyl group, etc. The alkyl group, aralkyl group and arom. ring group of R1 to R3 may have a substituent. In a more specific and preferable example, the compd. expressed by the formula I is used for the charge transfer material of the electrophotographic sensitive body formed by separating the function of the photosensitive layer to a charge generating layer and a charge transfer layer. The electrophotographic sensitive body which has the high sensitivity, decreases the fluctuations in the dark part potential and bright part potential at the time of forming continuous images by the repetitive electrostatic charging and exposing and has the excellent durability is obtd. in this way.



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